



INTERESTED Y-12ERS LEARN WHAT THE BIG TARGET SIGNS AT 11 assembly station locations in the plant are for, as shown in the larger picture. In left foreground Local Emergency Squad Director from a D Shift group in the Chemical Operations Division, is holding a power megaphone with which to give instructions in case of a radiation accident. In white uniforms, center, are, from left, C. F. Ferguson and P. V. King, members of the Local Emergency Squad, holding gamma survey meters (Redectors) with which to detect and radiation in the vicinity. Standing next to King is Relief Shift Superintendent H. N. Benninghoff, holding a portable radio with which to communicate with the Plant Shift Superintendent's office. The inserted photograph shows the instruments in cabinets attached to poles holding the sign designating the assembly station with Benninghoff holding one of the Redactors, the other being on the top shelf. At left on the lower shelf is the portable radio and the power megaphone. That Local Emergency Director in the larger picture is C. E. Legg.

Y-12 Plant Is Prepared For Prompt Action To Cope With Radiation Accident Emergency

Monitoring, Alarm And Evacuation Program Carefully Planned To Protect All Employees

The Y-12 Plant is prepared—and hopes the preparations need never be required—for orderly and prompt evacuation of any areas or buildings that may be the scene of a radiation accident. Monitoring and alarm equipment has been installed in certain areas where radioactive materials are processed and stored to provide for the detection of any radiation accident and evacuation of any Carbide employee in the Y-12 Plant Area in such areas in case of such an accident to prescribed assembly stations.

Assembly Stations Marked

Many Y-12ers have been wondering about those bright orange discs with black numbers mounted on poles in 11 different locations in the Y-12 Plant Area. They designate various assembly areas stations, to which employees are to proceed after evacuating buildings in which a radiation alarm has been given. Employees will remain at the station pending a further determination of the seriousness of the alarm.

The monitoring, alarm and evacuation program has been carefully planned with the sole objective of providing protection of all persons threatened by any radiation accident.

Accident Quickly Detected

The monitoring equipment is extremely sensitive and designed to detect any radiation from a radiation accident in a minimum amount of time. If radiation is detected, a siren alarm is activated. When the siren is heard, all employees in that particular building or area are required to immediately leave their work locations and proceed to the assembly station designated for that building or area.

At the assembly stations, the poles on which the discs are mounted have a cabinet attached. In these cabinets are two gamma survey meters (Redectors), one power megaphone and one two-way portable radio on the radiation-emergency frequency.

Shall Await Instructions

This equipment is to be operated by the Local Emergency Director and members of the Local Emergency Squad of the affected area or building. All evacuees at the assembly station shall await instructions from the Local Emergency Director as to their subsequent action.

The Local Emergency Director will evaluate the radiation condition at the assembly station as revealed by the Redactors. This information is transferred immediately to the Plant Superintendent.

Continued on Page 4

CC-RC Gifts Boosted By Carbide Employees

\$4,862 More Is Going To Agencies Next Year

Union Carbide Nuclear Company employees in Oak Ridge raised their contributions to the Community Chest-Red Cross agencies and services for the coming year to \$84,458.58, it was announced last week by George W. Mitchel, of the Y-12 Superintendents Division who coordinated the fund-raising campaign for the three UCNC facilities in Oak Ridge. This is \$4,862 more than was on the books last year as gifts from Oak Ridge Carbide employees.

SUPERINTENDENT MURRAY COMMENDS Y-12 RESPONSE TO CHEST-CROSS APPEAL

Y-12 Plant Superintendent John P. Murray last week warmly commended the quick and generous response of Y-12ers in answering the appeal for funds to operate agencies and services of the Community Chest and American Red Cross.

"Y-12 employees certainly expressed their belief in the Community Chest-Red Cross slogan of 'United we give so that others may live—better,'" said Superintendent Murray. "I want to congratulate Plant Chairman W. E. Heckert and every member of his committee for their good work and to thank every Y-12 donor to the worthy causes aided by the Community Chest and the Red Cross."

The figures include the payroll deductions on the books before the 1959 campaign opened, plus new deductions and increases in old deductions and cash gifts, according to Mitchel.

Figures announced last week showed that the new Carbide employee allocations of funds to agencies in four counties to be increased for each of them. Anderson County agencies will receive \$54,211.50, an increase of \$2,696; Continued on Page 4

'The Cutting Edge' Set November 30 By Council Group

The vitally important role of the cutting edge in the development and advancement of the American "way-of-life" will be presented in the story "The Cutting Edge" to be presented at 7:30 o'clock Monday night, November 30, in the Oak Ridge High School auditorium. The program is sponsored by the Oak Ridge Technical Societies Joint Council as a public service and the public is invited.

The exhibits, a historical panorama of the development of machine tools from the primitive stone tools of 1,000,000 years ago to the precision cutting edges of today, are provided by the DoAll Co., Des Plaines, Ill., tool manufacturers. C. G. Schelly, scientist, author and educator, will give an illustrated talk on the progression of the development of tools.

The Technical Societies Joint Council was formed three years ago of representatives from each of 15 professional and technical societies in Oak Ridge.

HOW LONG IS INCH?

How long is an inch? The United States and Great Britain, who held different ideas, finally have agreed to split the difference and establish a standard length. On July 1, 1959, the British inch stretched and the American inch shrank. However, the change for each country was only two-millionths of an inch!

Credit Union Lifts Loan And Time Limits; New Office Opened To Assist Membership

New Quarters On Scarboro Road Will Receive Loan Applications And Issue Payment Checks

Recent Congressional action has lifted the lid on time and dollar limits of credit union loans and the Y-12 Employees Federal Credit Union already has put the new regulations into effect. Unsecured loans up to \$750 now may be obtained and repayment periods for loans exceeding \$2,000 now may extend to five years. In both instances, as always has been the case, both of these limits are subject to approval by the credit committee on an individual basis.

Deposit Limits Increased

In anticipation of the need for more working capital as a result of the lifting of loan limits, the Y-12 Employees Credit Union has made changes in shareholding, or deposit, regulations. First, the monthly limit on share purchasing has been removed until further notice. This means that members now may deposit — at any time, by check, cash or payroll deductions — any amount they wish, as long as the total account limits are not exceeded. The second change lifts accounts limits so that a member's primary account now may build up to \$6,000 and his total of joint accounts may be built up to \$10,000.

In another way designed to serve its membership better, effective tomorrow, Thursday, November 12, the Y-12 Credit Union will occupy new quarters for receiving loan applications and issuing

checks. This new office is at the Midway Gate on Scarboro Road at the Oak Ridge city limits. It will be open 40 hours per week, instead of the present 21 hours set for such purposes.

New Office Hours Set

The new office hours, effective Thursday of this week, will be from 7:15 a.m. to 5:15 p.m. on Mondays, Tuesdays, Thursdays Continued on Page 4

SAFETY SCOREBOARD

The Y-12 Plant Has Operated
13 Days Or
408,000 Man-Hours
(Unofficial Estimate)
Without A Disabling Injury

Through November 8

Phone 7755

For Daily Report
On Accident-Free Hours

AIEE To Hear Discussion On Gas-Cooled Reactor

A discussion on an experimental gas-cooled reactor, of current interest today, will feature the meeting of the Oak Ridge Section of the American Institute of Electrical Engineers tomorrow night, Thursday, November 11. The meeting will be at 7:30 p.m. at the Ridge Recreation Hall.

W. L. Larkin, of the Atomic Energy Commission Reactor Division, will be guest speaker on the program. His lecture will be accompanied by slides.

The AIEE Oak Ridge Section is composed of 68 members and is one of 112 sections of the Institute, which was organized in 1884 and now has a membership of more than 50,000.

Vanderbilt Man Will Talk At Physics Seminar Meet

W. T. Pinkston, Vanderbilt University, Nashville, Tenn., will speak at the physics seminar of the Physics Division of Oak Ridge National Laboratory on Friday afternoon of this week, November 13. The session will be at 3:15 p.m. in the auditorium of Bldg. 4500, ORNL. The discussion subject will be "Shell Model Theory of the N¹⁴ Nucleus." Y-12ers interested in the topic are invited to attend.

The Bulletin

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Y-12 Employees Of
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Miss Nancy Lynn Herrell



HERRELL-HENNON

Clifford Herrell, foreman in the General Machine Shop, and Mrs. Herrell, of Route 20, Knoxville, have announced the engagement of their daughter, Miss Nancy Lynn Herrell, to Vernon Gary Hennon, son of Mr. and Mrs. Vernon Hennon, Lima, Ohio.

The wedding has been set for New Year's Day, January 1, 1960, at the Ball Camp Baptist Church. The Rev. John R. Churchman, pastor of the church, will officiate.

The bride-to-be attended the University of Tennessee where she was publicity chairman for the Baptist Student Union. She graduated from Karns High School where she was active in the FHA, Beta Club and senior class activities. She was voted the girl most likely to succeed by her fellow senior class members. She is a member of the Ball Camp Baptist Church.

The groom-elect now is serving in the United States Navy as a fire control technician on the airplane carrier USS Forrestal. He will complete his service in the Navy in December. While aboard the USS Forrestal he visited several Mediterranean countries and Cuba. He graduated from the Lima High School in 1957.

UT Professor To Deliver Second Talk Of Series

The third in a series of lectures sponsored by the Oak Ridge Chapter of the American Society for Metals and the Department of Chemical and Metallurgical Engineering of the University of Tennessee will be held Tuesday night, November 24. The meeting will be at 7:30 o'clock in Room 114, Dabney Hall, at the university. Dr. E. E. Stansbury, of UT, will speak on "Physical Metallurgy of Stainless Steels."

The lecture series consists of discussions of the metallurgy of stainless steels and a resume of industrial procedures for fabricating such metal. The final lecture in the series will be on Tuesday December 1, at the same time and place. Dr. A. Lena, of the Allegheny-Ludlum Steel Corp., will speak on "Production and Fabrication of Stainless Steels."



? ? ? ? ?
THREE ARE A COUPLE of Halloween cut-ups. One of the characters is a well-known Y-12er. For the solution and identification see Page Four.

Rides Wanted, Offered

Riders wanted from vicinity Magnolia or Fifth Aves., Knoxville, via Western Ave., Oak Ridge Highway to North Portal, straight day. R. B. Miller, plant phone 7351, home phone Knoxville 3-8775.

Want to join car pool from Kentucky Ave., Oak Ridge, to West or Central Portal, straight day. Robert Hill, home phone 5-5233.

Ride wanted from vicinity West High School, Sutherland Ave., Knoxville, to Central or West Portal, straight day. Hugh Jeffreys, plant phone 7351, home phone Knoxville 8-8425.

Ride wanted from 142 Parsons Road, Woodlawn Section, Oak Ridge, to Central Portal, straight day. Ronnie Stenglein, plant phone 7-8343, home phone Oak Ridge 5-7166.

Ride wanted from Clinton to Bear Creek Portal, straight day. C. F. Brewer, plant phone 7351, home phone Clinton 981-W.

Ride wanted from vicinity 2639 Jefferson Ave., Park City Section of Knoxville, to Central Portal, straight day. Thelma Miller, plant phone 7-8534.

Riders wanted from Norris and Clinton to any portal, B Shift. Woody Onstott, home phone Norris 7363.

Riders wanted or will join car pool from Rockwood to any portal, H Shift. Van Vail, plant phone 7-8388, home phone Rockwood EL 4-1371.

Ride wanted from corner of Purdue Ave. and Principia Lane, Oak Ridge, to North Portal, straight day. L. M. Stekel, plant phone 7689, home phone Oak Ridge 5-0592.

Riders from Inskip to North Portal, straight day. R. L. Pass, plant phone 7549, home phone Knoxville MY 1-5834.

Ride wanted from Fulton Lane, Oak Ridge, to West Portal, straight day. C. F. Butler, plant phone 7-8643, home phone Oak Ridge 2-1934.

Cars that did not have the right of way injured 608,400 and killed 3,890 persons on U.S. highways in 1958.

THANKSGIVING HOLIDAY FOR THE Y-12 BULLETIN REQUIRES EARLY REPORTS

There's another holiday coming along soon — Thanksgiving Day on Thursday, November 26 — and it isn't too early to remind all reporters and contributors to The Bulletin that the short week created by the holiday will require earlier submission of material for the edition of the following week, December 2. Because of the workless Thursday, it is necessary to request that all material and pictures for The Bulletin edition of December 2 be in The Bulletin office, Bldg. 9704-2, not later than the afternoon of Wednesday, November 25.



The 11th hour of the 11th day of the 11th month. Those were magic figures four decades ago, as they represented 11 a.m. on November 11, 1918. That hour and day and month marked the end of World War I, the bloodiest conflict of all time—until that date. For many years thereafter Armistice Day was one of the big holidays of the nation—tributes were paid the living — and dead — who helped bring victory to the Allies over the hordes of Huns. There were speeches, parades, tributes of all kinds paid veterans of that war. Then came World War II and Armistice Day of World War I ceased to hold the sacred significance it previously held. A few years ago — and rightly so — the title was changed to Veterans Day — to honor veterans of all wars — although the original date of November 11 was retained.

There are many war veterans in Y-12 right now — most of whom would like to forget their grisly wartime experiences. However, to them and all the others who battled on Our Side — let's give them an extra thought and a vote of gratitude for what they have done.

So — the Old CC will start a parade of his own around the premises to see what's a-doin' with various and sundry people.

FINANCE AND MATERIALS

Although still ill at her home over at Powell, Betty Heath, of the Cashier and Travel Office, was a right happy gal last Friday. It was her birthday — and many friends in the division and elsewhere ganged up to see that she was remembered. She received a nice gift from a group of the girls — and a host of folks sent her birthday cards. From this corner is extended this hearty wish — that Betty "get well quickly" and come back — she's needed — and "Happy Birthday."

Engineering Records enjoyed a steak dinner last Friday night at the home of Wayne Silver, who is vacationing at his new home in Pleasant Ridge over in Knox County.

Sights around Chattanooga attracted Janice Hildebrand, Plant Records, for last week end.

Briceville, Tenn., is the vacation destination of Alberta Phillips, Reproduction.

INDUSTRIAL RELATIONS

The Boys in Blue and Gray of the Fire and Guard Departments just know Capt. Leroy Dickenson is having fun vacationing with friends and kinfolks in Radford, Va., and Atlanta, Ga. . . . Get well wishes are sent Guard W. W. Hall over there in Oak Ridge Hospital . . . Guard C. S. Davidson is welcomed back after losing a bout with a farm tractor.

TECHNICAL

Special Projects' Louie Anfinson and Helen Stone have raised the bounty—now it is two bits per tail for every mouse big game hunters can eradicate in their quarters.

Special Testing welcomes Jim Thompson and Lacey Keele, both of whom recently joined the department by transfer.

Production Inspection sends rapid recovery wishes to S. O. McNeely, W. J. Mackley and R. L. Robertson, all on the ailing list last week.

MAINTENANCE

Research Services reports that E. F. Brooks will visit his daughter in Metropolis, Ill., during his vacation . . . E. T. Wallace is just enjoying a stay at home . . . Welcomed back after long illnesses are P. D. Pace, D. B. Blackburn and G. Edmonds.

MECHANICAL OPERATIONS

After too long an absence because of sickness, the Sunflower Shop (and the Colyum) warmly

welcomes Tim Watt back to business. He's the Colyum's envoy up there — and a valuable one . . . Meanwhile other Sunflowers with the miseries are Carl Dorr, F. E. Back, E. J. Delaney, R. G. Babb and H. R. Hill—and rapid recovery wishes are wafted their way . . . The department is happy to report that W. F. Quimby is improved after a lingering illness and hopes he will be back soon . . . J. F. Hughes was a recent vacationer in Cincinnati, Ohio . . . So was B. E. Ward over at Petros . . . Last week's vacationers were R. S. Plemons at home in Kingston, S. J. Vaden over at Crossville, A. C. Gose off for points in Florida and George Wylie at home in Oak Ridge . . . Other home vacationers of late were W. R. Coats, J. E. Gilstrap and R. K. Gibbs.

Beta Four Heavy Machine Shop folks are congratulating E. C. Lewis and his missus on the birth of a fine son, Dennis Kelly Lewis, who weighed nine pounds, five ounces on arrival October 29 . . . Newcomers welcomed in last week were F. Patt, W. H. Arnold, H. E. Hammack, R. E. Phillips and O. G. Sheehan.

The TW Shop welcomes J. H. Worthington back after a couple of weeks of sickness . . . Meanwhile get well wishes go to R. K. Carper, in St. Mary's Hospital, Knoxville, and G. S. Weaver, G. Neal, H. R. Mullins, P. A. Fritts and C. E. Jennings, all nursing their miseries at home.

CHEMICAL OPERATIONS

Beta Two is happy that V. C. Beckner is back on the job after his recent operation . . . Myrtle Leach is in Daytona Beach visiting her daughter who teaches school down there . . . Roger Brotherton and family entertained his brother, Alfred, from California last week . . . Margaret Haggard and her husband, J. V., of the Chemical Department, and their children are Florida vacationers . . . J. A. Stewart just rested up at home on his resting period.

From Enriched Uranium Recovery comes a plea from Bill Cook—he lost his Bulova wrist watch with expansion band recently. If anyone found it, please call him at Room 34, Bldg. 9212.

Colex Operations has as its delegates to the deer hunting gang on the Central Peninsula Earl Tweed, A. F. Self, Ray Ellis, Steve Frost, Jim Disney and W. Ray — results will be announced later—it is hoped . . . The crew is going to miss Charley Mills, transferred to another department . . . Ruby Lucas and her husband, Lewis, week ended in Charleston, W. Va., with in-laws recently . . . Bill Hubbs started his vacation by viewing the Vol-Bama grid clash some days back, then journeyed down to New Orleans before coming back — that boy really got around . . . M. C. Asbury, H. Bartley and Shorty Freels are back from South Dakota pheasant hunting and The Bulletin will publish their picture with a big mess of birds next week.

SHIFT SUPERINTENDENTS AND UTILITIES

B Shift Boss Man Super Superintendent Finley Creigh is vacationing — moving into his new home . . . Dan Rader, the Big Boss of the Division week ended recently in Clarksville, Tenn.

A visit to relatives in Jacksonville, Fla., is the vacation aim of E. F. Rutherford, Utilities . . . D. W. Woody plans some deer hunting . . . N. W. Evans is just staying around home . . . P. L. Beeler is hoping to get in some hunting during his long break . . . Get well wishes are extended J. J. Miller, hospitalized for surgery.

ENGINEERING

The old commissar himself, Gus Angele, of Civil and Architectural



VISITING HIS Y-12 PARENTS is Airman 2/C Curtis E. McGinnis, guest of A. W. McGinnis, General Machine Shop, and Mrs. McGinnis last week at their home at 4808 Coster Road, Knoxville. Airman McGinnis recently graduated from the Chanute Air Force Base, Ill., school of electronics and he and his wife are en route to Greenville, Miss., where he is to be assigned as an instructor. Mrs. Curtis McGinnis is the former Miss Lois McCarty, a former Carbide employee, and both of them graduated from Fulton High School, Knoxville, in 1957. Following his discharge from the service three years from now, Airman McGinnis plans a civilian career in electronics.

Y-12ers With 15, 10 Years Company Service

Congratulations to the Y-12 employees listed below who will complete 15 years of Company Service within the next few days. No Y-12ers will observe their 10th employment anniversaries within the next week.

15 YEARS

James L. Crawford, Research Services, November 13.
Walter E. Gary, Project Engineering, November 15.
Earl A. Fritts, General Machine Shop, November 15.
Walter M. Redden, Electrical Maintenance, November 16.
Duane P. Anderson, Maintenance Division, November 16.
Phyllis C. Johnson, Tabulation Service, November 16.
Roy L. Luttrell, General Machine Shop, November 17.

Engineering, returned to his desk on Monday of last week following a spell in the Oak Ridge Hospital and at home. His ailment, he says, was not ticker trouble, just an acute tummy ache from which he has recovered. Now the Colyum expects him to quickly resume his literary career as correspondent for his department.

Mechanical Engineering extends sympathy to the E. J. Asburys in the death of her father, A. E. Henderson . . . Wilbur Allin is vacationing at home this week with some extra early Christmas shopping planned . . . W. K. Forrester is also away from the desk; he is deer hunting out on Central Peninsula and Catoosa . . . The department was represented at the UT-LSU game by such hardy personages as the M. B. Hiltons, Spence Ferguson and the Robert Hickeys. . . . Leo Brown says they have a tiny male at their home. When asked how come no cigars he explained it is a Mexican Chihuahua puppy!

Superstitious s c a m p s — don't look now, but Friday of this week is one of those things again—a Friday The 13th. Beware of the black kitties (particularly if they have white stripes on their backs) ladders with men using paint buckets mounted thereon, etc. and so forth. Then spend all day hunting four-leaf clovers—on your own time, of course.



CONTESTANTS IN THE RECENT D SHIFT TURKEY SHOOT are shown on the firing line just before the competition began at the old Oliver Springs Airport. About 100 Y-12 D Shifters and members of their families participated.



PROUDLY DISPLAYING THEIR PRIZES OF HAMS AND TURKEYS are four of the many winners in the recent D Shift turkey shoot. From left are R. B. Patterson and C. L. Edwards, both of Stores; S. J. Frost, Colex Auxiliary Operations; and J. B. Cox, General Machine Shop.



MANY FINE ENTRIES of smallmouth bass will compete for top honors in the Y-12 Annual Fishing Contest this year. Among them is this beauty snagged from Norris Lake by R. E. Gibson, General Machine Shop, who was operating out of the Sequoyah dock when he landed the fish with a spin pop lure.

13 Deer Bagged By Bows, Arrows

A report from Harold Armstrong, Area Manager of the Central Peninsula Wildlife Management Area, reveals that archers participating in the six-day archery hunts on the Peninsula downed a total of 13 deer. He stated that during the week long hunt some 1,449 bowhunters were checked into the area.

Avoid "Security Pitfalls."

Newcomers In Tie For Mixed Loop Standings Lead

A couple of newcomers advanced to the top of the standings in the Mixed League of Y-12 men and women bowlers last week, as the Pin Plasters and Phantoms shutout the Scrappers and Nip and Tucks, respectively, for four points to land in a deadlock for the loop lead. The Cool Cats got hot to post a similar win over the Goofers and the Alley Cats copped three from the Troopers.

In individual scoring for the men, Harold Ratjen, Phantoms, helped his team cause along with a 216 scratch game, boosted to 247 with handicap and a 647 handicap series. Burl Henry, Alley Cats, had the top scratch series of 576. On the feminine side Nell Jago, Toppers, had the high scratch scores of 175 and 462. Peggy Hardin, Cool Cats, rolled a 224 handicap game and Bonnie Reesor, Pin Plasters, a 591 handicap series for tops of the night. In team scoring the Phantoms had a big night with 629, 795, 1803 and 2301 across the board to lead the bunch.

League standing follows:

Team	W	L
Pin Plasters	22	14
Phantoms	22	14
Toppers	21	15
Scrappers	20	16
Nip and Tucks	18	18
Alley Cats	16	20
Cool Cats	14	22
Goofers	11	25

Sunflowers Snap Streak Of Losses; M. Row Is Second

The Sunflowers snapped out of their brief losing streak in the C League of Y-12 bowlers November 2 with a three-point victory over the SPs. Other results saw the previous four-way tie for second place broken with Murderer's Row mauling the Chillers for four points to nail down the runner-up spot and the Alley Cats jumping up into third by handing the Hookers a similar defeat. In other engagements the IBMs took three from the Big Five and D Shift shaded the Engineers by two and one-half. The Knot Heads and Par Busters split four points.

W. B. Stephens substantially contributed to the success of the Sunflowers with a 223 scratch game, boosted to 253 with handicap. The Sunflowers also were aided along by Ray Gilford's 570 scratch series. Harry Keen, Par Busters, had the top handicap series tally of 656.

Murderer's Row ripped across the board for all team scoring honors with 895, 1063, 2560 and 3074.

League standing follows:

Team	W	L
Sunflowers	26	10
Murderer's Row	22	14
Alley Cats	21	15
D Shift	20½	15½
Par Busters	20	16
Big Five	19	17
SPs	17	19
IBMs	17	19
Engineers	16½	19½
Knot Heads	15	21
Hookers	12	24
Chillers	10	26

Trap And Skeet Shooters Paged

Y-12 enthusiasts in shooting clay pigeons either from traps or in skeet shooting who want to organize plant competition are invited to attend a meeting to be held Friday, November 13, at the Recreation Office, Rooms 263-265, Bldg. 9704-2. At that time plans will be discussed as to whether a league or ladder competition will be most interesting to Y-12ers in either or both types of shooting. The Oak Ridge Sportsmen's Association has ranges for both trap and skeet shooting that will be available for Y-12ers, if competition is arranged.

Survey Reveals Bowlers Would Continue Both All-Carbide And Plant Tourneys

26 Y-12 Teams Vote For Two Events, 16 Would Combine Plant And Company Competitions

Y-12 bowlers like their tournaments — apparently the more the merrier — according to a survey conducted recently by the Recreation Department of the 46 teams in four plant leagues. The question was on whether the Y-12 pin toppers preferred to roll in both a plant tournament or the annual All-Carbide competition, combining the two events or the elimination of one of the two big tourneys.

Similar votes were held among bowlers in the Oak Ridge Gaseous Diffusion Plant and the Oak Ridge National Laboratory. Of the 46 Y-12 teams voting 26 decided they wanted to continue both the Y-12 and the All-Carbide Tournaments. The proposal of combining the two tournaments drew 16 votes. Only three teams voted to eliminate the All-Carbide and one suggested eliminating the Y-12 event.

At ORGDP with about five teams failing to express opinions, 25 teams voted to combine the All-Carbide with their plant tournament, 22 preferred both, eight would have ditched the All-Carbide and three the ORGDP event. At ORNL the vote showed 16 teams favoring both tournaments, five would have combined the Lab competition with the All-Carbide, 20 would have eliminated the All-Carbide and none would have eliminated the ORNL tournament. The total vote at all three installations showed an overwhelming vote of 64 votes for continuing both plant and All-Carbide tournaments, 46 preferred combining events, 31 would eliminate the All-Carbide and four cast ballots for cutting out their own plant tournaments.

Y-12 Riflemen Win Another Match

The Y-12 rifle team posted its second notch in the won column of the Oak Ridge Sportsmen's Association winter league last week when the Oak Ridge Independents could not field a team and were forced to forfeit. Meanwhile the Oak Ridge National Laboratory gunmen kept pace with the Y-12ers with a win over the Oak Ridge Gaseous Diffusion Plant team.

In firing for record the Y-12ers posted a scratch score of 1349 and handicap tally of 1415.058. Individual scratch scores for Y-12 were Dave DeWalt 285, Carl Brewster 272, W. B. Davis 268, George Peterson 264 and A. Blay 259. Handicap scores were Peterson 291.997, DeWalt 290.607, M. Crews 289.693, Blay 289.561 and Brewster 289.200.

League standing follows:

Team	W	L
Y-12	2	0
ORNL	2	0
ORGDP	0	2
Independents	0	2

MUCH LAND TOO DRY

About 740,000,000 acres of land in 17 western states receive too little rainfall for general agriculture, says a 20th Century Fund report. This is almost 40 per cent of the area of the United States.

Leaders Falter In Bush League; Race Tightened

With both the Beavers and Balls O'Fire faltering in alley activities of the Bush League November 2, the Lucky Five, Alley Cats and Hi Balls posted substantial triumphs to tighten up the race considerably. The Alley Cats treed the Nine Pins with a four-point shutout and the Hi Balls tied a similar defeat onto the Alley Gators. The Lucky Five rolled over the Hot Rodders for three points and ended up in a tie for second place with the Balls O'Fire, who dropped three to the Inspectors. The last place Rollniks bumped the loop-leading Beavers for a two-point tie decision.

Jack Cox, Hi Balls, took all individual scoring honors with a 225 scratch game, boosted to 251 with handicap; a fine 596 scratch and 674 handicap series. His scratch game and handicap series were high for the season. The Lucky Five also swept scoring honors with 891, 1067, 2437 and 2980 across the board. All of these marks were high for the season except the handicap series, which tied the Alley Cats' previous mark.

League standing follows:

Team	W	L
Beavers	25	7
Balls O'Fire	20½	11½
Lucky Five	20½	11½
Alley Cats	17½	14½
Hi Balls	17	15
Inspectors	15	17
Alley Gators	14	18
Nine Pins	11	21
Hot Rodders	11	21
Rollniks	8½	23

Sportsmen Soar To First Place In Classic Loop

The Sportsmen soared to the top of the standings in the Classic League of Y-12 maple maulers last week by stinging the Wasps for a four-point whitewash win. Right on their heels were the Bumpers, with a similar win over the Wolves. The Eight Balls, who have led the loop for several weeks, took a big tumble as a result of being blanked by the Rebels. The All Stars and the Smelters bagged three-point triumphs over the Playboys and Has Beens. The last place Screwballs managed to get a tie with the Swingsters, as did the Rippers with the Markers and Cubs with the Tigers.

Van Williams, Bumpers, had a nice night on the hardwood, with a 236 scratch game, 664 scratch and 697 handicap series. J. Peters, of the Sportsmen, had a 252 handicap game for tops. The Bumpers had the high handicap series of 3144 and the Markers a 1062 handicap game.

League standing follows:

Team	W	L
Sportsmen	27	13
Bumpers	26	14
Swingsters	24	16
Rippers	24	16
Eight Balls	23	17
Markers	23	17
Rebels	22	18
Wolves	21	19
All Stars	19	21
Smelters	19	21
Playboys	18	22
Has Beens	17	23
Tigers	17	23
Wasps	14	26
Cubs	14	26
Screwballs	12	28



CONFIDENT OF CLIMBING UP the ladder in the C League of plant bowlers are these two teams. At left are the IBMs, from left being Capt. Bill Maddux, Paul Johnson, Ken Pluhar, R. Williams and G. Bailey. The Hookers are at right with



team members being T. K. Bishop, R. H. Gassaway, H. F. Smith, W. W. Lee and Capt. J. J. Henry. This league, as well as other loops, is having a good season.

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Survey Is Being Conducted To Determine Y-12ers' Wishes On Educational Courses

To determine what educational courses are most desired by Union Carbide Nuclear Company employees for the winter term beginning early in January, the three principal sponsors of courses offered in night classes in Oak Ridge and Knoxville have asked UCNC plant publications to conduct a survey on courses preferred or needed.

These three principal sponsors of educational courses for UCNC employees are the University of Tennessee Evening School, the University of Tennessee Graduate School and the Oak Ridge Adult Educational Program.

The Y-12 Benefit Plans Office, Bldg. 9704-2, has information on courses offered by these three sponsors where Y-12ers intending to enroll in winter quarter classes may obtain the information needed for the survey.

The object of the survey is to minimize the offering of courses in which insufficient interest is shown and to insure that courses desired attract an appropriate number of students.

In order that the University of Tennessee schools and the Oak Ridge Adult Education Program may be guided on what courses are preferred by Y-12ers, all Y-12 employees interested in registering for winter term classes are asked to cut the form at the bottom of this page. The survey form will be published one more time in The Bulletin, in next week's edition dated November 18.

It is stressed that in filling out the form, courses listed as preferable by certain employees are not necessarily approved for benefits under the UCNC Educational Assistance Program.

The Y-12 Benefit Plans Office urges all Y-12ers answering the survey send their forms in by plant mail as soon as possible, so that the results may be passed on to the University of Tennessee and the Adult Educational Program.

Under provisions of the UCNC Educational Assistance Program, courses selected to be taken by Y-12ers seeking benefits offered by the Program must be such as

to benefit the employee on his present job or help him obtain a better position with the Company. The Company has provided benefits for such courses since 1956 and encourage participation of all employees in the opportunity to better their education.

The UCNC Educational Assistance Program reimburses employees-students 50 per cent of the cost of tuition, books, laboratory fees and supplies on successful completion of eligible courses selected.

Since the UCNC Educational Assistance Program was inaugurated Carbide employees, under provisions of the program, have received 90 bachelor's degrees, 34 master's degrees, five Ph.D. degrees and one LL.B. degree. In addition, 106 high school certificates, 12 certified Public Secretarial Certificates and several correspondence school certificates have been earned.



Get well wishes are extended to the following Y-12 employees who were patients last week in the Oak Ridge Hospital:

J. E. Harding, Mechanical Operations Division; C. J. Maddux, Sr., and J. A. Davis, Buildings and Grounds; E. C. Barnes and N. B. Keplinger, Mechanical Maintenance; R. G. Lawler and T. L. Hart, Colex Laboratory; Willis Quimby, Sunflower Shop; R. A. Guy, General Machine Shop; R. M. Mustin and J. C. Parker, Product Processing; W. J. Mackley, Production Inspection; W. C. Ward, Contract Administration Engineering; F. J. Salts, Research Services; W. W. Hall, Guard; Edna Stooksbury, Electrical Maintenance; J. J. Miller, Utilities; Edward L. Stooksbury, Process Maintenance; A. P. Phillips, Stores; Cleveland Cannon, Janitors.

There are Federal laws against theft or misuse of Government property.

Y-12 Is Prepared For Radiation Mishap

Continued from Page 1
ately to the Plant Shift Superintendent's office over the portable radio.

Action Based On Conditions

The Plant Shift Superintendent will instruct the Local Emergency Director on what action to take—depending on the reports on radiation conditions at the assembly station. These instructions also will be based on wind conditions and other weather data recorded by instruments at the Plant Shift Superintendent's office.

If it is determined that a radiation accident has occurred in an area, the employees evacuated from that area and waiting at an assembly station will be directed to go by foot as soon as possible to one of the two Personnel Monitoring Depots in the Y-12 Plant Area, to be designated by the Plant Shift Superintendent's office. At these depots personal clothing and badges of all employees from the evacuated area will be monitored.

Depots Are Marked

These depots are located at Bldg. 9712, in the garage at the east end of Y-12 and at Bldg. 9723-19, the change house north of Bldg. 9201-5 at the west end of Y-12. The two buildings are identified by orange-colored rectangular signs lettered "Monitoring Depot" and mounted at roof level.

However, if the Local Emergency Director detects no radiation at the assembly station and no radiation is detected in work areas that have been evacuated, all employees at the assembly station will be directed back to their work stations by their Local Emergency Director.

All Must Be Checked

However, all persons who have been in a radiation accident area and who have not proceeded to an assembly station will be required to proceed as soon as possible to the nearest Personnel Monitoring Depot for a personal survey of badge and clothing as a safeguard.

To avoid any possible confusion, all persons in areas and buildings not directly involved with a radiation accident are to remain in their buildings and work stations unless advised otherwise by the Plant Shift Superintendent's office.

No employee will be permitted to leave the Y-12 Plant Area for home following a radiation accident anywhere in the plant until he has submitted his badge for the purpose of a radiation monitor check.

Early, Mrs. Skeel Cast In Important Roles By Playhouse

The thrilling and suspenseful Greek classic drama, Medea, with a Y-12er and the wife of another appearing in important roles, will be presented by the Oak Ridge Community Playhouse during the next two week ends. The unique production will be staged on Friday and Saturday of this week, November 13 and 14; and again next week on Thursday, Friday and Saturday nights, November 19, 20 and 21; at the Playhouse Theater on Jackson Square. Curtain time will be 8:15 p.m.

Ernest Early, of Electrical Engineering, is cast in the role of Creon, king of Corinth. The story of Medea is the tragic tale of a barbarian woman's revenge, by witchcraft, when her perfidious husband abandons her for a younger and richer wife. Suzanne Sheel, whose husband, Lew Skeel, is in the Colex Laboratory, will play the part of one of the Corinthian women who seek to dissuade Medea from seeking revenge on her husband.

The play is directed by Playhouse director, Paul Ebert.



LAST WEEK THE BULLETIN published a picture of a daughter of a Y-12er who was crowned Carnival Queen at Petros Grammar School. Now here are two youngsters of other Y-12 fathers who were in the same activity. In front right is Wilda Neal, daughter of Ardell Neal, Production Control; and at her right is Kenneth Johnson, Jr., whose father is in Stores. In the rear is Sandra Brown, the Carnival Queen, and the king, Joe Duncan, pictured last week. The two children at left in front are not identified.

CC-RC Gifts Boosted By Carbide Employees

Continued from Page 1

Knox will get \$17,993.35, an increase of \$1,565; Roane is allocated \$17,993.35, up \$340 from the previous year; and Morgan will have \$816, an increase of \$260.

Coordinator Mitchel received a report last Thursday from the Gaseous Diffusion Plant that its contributions now totaled \$27,719, an increase of 20 per cent over the previous year. The Y-12 report, made several days prior by Plant Campaign Chairman W. E. Heckert showed total gifts for the coming year would total \$30,673, with \$5,551 being added in the 1959 drive. At ORGDP 64.3 per cent of all employees now are contributing through the Carbide Central Fund Plan of payroll deductions. Y-12 contributions through the Central Fund Plan are made by 63.4 per cent of employees.

D Turkey Shoot Winners Announced

Approximately 100 Y-12ers on the D Shift competed for prizes of turkeys or hams—winners had their choice—at the shift turkey shoot held recently at the old Oliver Springs Airport. Contestants used both rifles and shotguns for firing at targets, with the high scorers being awarded either a fine ham or turkey.

Double winners in the event were John B. Cox, V. C. Escue and G. R. Owen. Other winners were G. L. Edwards, Frank Blair, Robert Miller, R. B. Patterson, B. Z. Hoskins, W. R. McGill, Z. Kidwell, W. T. Galyon, Oliver Evans, Ezar E. Brady, Carl Frazier, Tom Anderson, C. M. Simcox, John Harber, Jess Thomas, A. G. Hardwick, S. J. Frost, Jack Owens, W. B. Motley, L. L. Kilgore, Ed Allen, H. Foust and E. Forrester.

Analytical Group To Hear Talk On European Labs

Myron T. Kelley, director of the Analytical Chemical Division of Oak Ridge National Laboratory, will speak at a meeting of the Analytical Group of the East Tennessee Section of the American Chemical Society at 8 o'clock tonight, Wednesday, November 11. The meeting will be in the cafeteria of the Robertsville Junior High School.

The subject of Kelley's talk will be "Comments on A Recent Visit to European Laboratories." The talk will be illustrated with color slides and the public is invited to attend.

Credit Union Lifts Loan, Time Limits

Continued from Page 1

and Fridays. As at present, the office will be closed on Wednesdays. In this way, Y-12 members of the Credit Union on all shifts can better be served when the office is open.

Applications for loans can be made by telephone during the office hours announced in the preceding paragraph. In this manner, only one actual stop will be necessary at the office—to sign notes and pick up checks.

The Credit Union telephone numbers will remain the same—7204-7205.

Provides Better Service

These changes are being made so that the Y-12 Credit Union can provide better service to its members. Directors of the organization realize, however, that further improvements pertaining to service always are possible, and encourage and ask for suggestions from any and all members. Such suggestions may be given orally to any of the Credit Union office employees or to elected officers of the organization.

The entire Credit Union membership in large is invited and urged to attend the annual meeting held in January every year. At this meeting, reports are heard from officers and all committees on activities of the past year. Members also elect officers and set the annual dividend at the annual meeting.

Sportsmen Set Turkey Shoots

The Oak Ridge Sportsmen's Association will open its annual series of turkey shoots for the Thanksgiving and Christmas holidays tomorrow night, Thursday, November 12. Subsequent shoots will be held on Thursday, November 19; Tuesday, November 24; and on Thursdays, December 3, 10 and 17 and Tuesday, December 22.

The shoots will be held at the Sportsmen's association property, on Oak Ridge Turnpike west of the city limits. Starting time is 7 p.m. and the shooting fee is \$1 for each turkey or ham, winners having their choice.

Shooting will be from 50 yards at targets. Only shotguns of less than 10 gauge may be used with no muzzle loading weapons permitted. Entrants must provide their own ammunition. Ten contestants will fire for each turkey and ham offered.

Y-12ers, Relatives Invited To Undergo Diabetes Tests

The Roane County Medical Society, to which Oak Ridge physicians belong; and District 8 Nurses Association will conduct a diabetes detection campaign in Oak Ridge next week, November 16 through November 21. Free urine sugar tests are to be offered at Penney's Department Store in the Downtown Section, from 10 a.m. to 9 p.m. on Monday, November 16, and Friday, November 20, and on Saturday, November 21, from 9 a.m. to 6 p.m.

HALLOWEEN CHARACTERS AUSTIN READ AND WIFE

The Halloween characters pictured on Page Two are "Mammy" Austin Read, of the Safety Department; and his charming wife, Faye. The Y-12er daubed himself up with burnt cork, applied some extra padding in strategic places and "wowed" a party of neighbors in Fountain City. Their characterizations were so good that pictures were demanded—and taken—and The Bulletin managed to obtain one of the prized prints for publication.

Educational Survey

If you are planning to take courses during the winter quarter, at what location do you prefer that they be offered? Check one—

Knoxville U-T ☐ Oak Ridge U-T ☐ Oak Ridge Adult Education ☐

Of courses tentatively offered in the school announcements for the winter quarter, list name and number of course or courses you wish to take.

What courses not listed do you need to fulfill a requirement for degree or certificate or would like to have offered? List name and number of course.

Employee's Name
& Department

MAIL TO: ARNOLD TILLER
Benefit Plans Office
Bldg. 9704-2